

All On Board



Fleet Training

April 2009

Vol. 1

Welcome to the revised SOBT quarterly newsletter *All On Board*. The SOBT staff is excited about the availability of our products on your ship-board LAN. Never before have these training products ever been so easy to use. This newsletter will highlight SOBT products, both new and "classic" to help you with your job and qualifications on board your submarine. This newsletter provides information based on mission areas, and is

provided by the project managers at SOBT. SOBT *All On Board* is sent to you to help you better understand how SOBT can help you qualify faster and perform your job better. Please do not hesitate to contact us with feedback on the SOBT products and this newsletter.

Commanding Officer, Submarine Learning Center

Director's Note

Executing a successful mission does not happen automatically, it takes training, and SOBT is in the business of creating that training for you. Under the guidance of the Submarine Learning Center, SOBT uses an abundance of resources (TYCOMs, squadrons, school houses, rate leads, and boats) to develop new training courseware, as well as to update existing products. On board your boat, go to your ship's home page, click the SOBT link and select the course you want. That link will open the course. It's that easy. Our products are also listed within the appropriate warfare area in the COMSUBFOR Pacific Training Toolbox found on the COMSUBFOR Pacific SIPRNET website. You can also search our

catalog on the unclassified internet at <https://www.netc.navy.mil/sobt/web/index.html>. From the website you can order a CD directly from the SOBT office. Your local learning resource center at a submarine training command will also have SOBT products, set up similar to your on-board LAN. Most boats have received a "SOBT Groom," and can easily access SOBT training on their Submarine's LAN. If you are on one of the few boats that has not yet had a groom, we will see you soon. We have a wide variety of products to help junior Sailors get qualified, seasoned Sailors to stay fresh, and Navigation Teams to prepare for port visits. We review our products regularly, and our library continues to grow, now at 578 products. If you see a product you think could use improvement, or a training product that the fleet requires, please send us feedback to let us know .

SOBT Director

SOBT Learning Standards Officer

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What Is The SOBT Program?

The SOBT program was established by Chief of Naval Operations Instruction (OPNAVINST) 1540.51 in order to prevent proliferation of on board training programs and material which had in the past been developed and distributed to the submarine force without the benefit of fleet input or control. The roles and responsibilities of all Navy participants in the process are clearly defined by the Chief of Naval Operations Staff (OPNAV). The SOBT office at Submarine Learning Center (SLC) is the focal point for all SOBT issues for the entire Submarine Force.

As detailed in the OPNAV instruction, Submarine Learning Center:

- ◆ Issues, under Type Commander (TYCOM) direction, all on board training materials.
- ◆ Provides primary fleet point of contact for all SOBT related matters.
- ◆ Supports Chief of Naval Operations (CNO) Submarine Trainer/Training Working Group and committees as the representative for on board training.
- ◆ Functions as the primary training material review and distribution approval authority. The review will include coordination with Naval Education and Training Command (NETC) training activities to ensure SOBT materials and formal training curricula are consistent and complementary.
- ◆ Provides primary support and fleet liaison for the fleet introduction and implementation of training programs and material.
- ◆ Provides support for the development and implementation of program policy.
- ◆ Recommends prioritized training requirements to TYCOMs for approval.
- ◆ Reviews and comments on training/trainer proposals related to SOBT.

- ◆ Provides day-to-day coordination between the procurement organization, the fleet, and training commands.
- ◆ Ensures adequate quantities of SOBT material are provided to NETC training activities for use in formal and responsive training within the training command.
- ◆ Duplicates video training materials as necessary to provide replacement training materials in response to fleet requests and when the development contractor is not contractually required to provide adequate quantities for distribution.

SOBT Program Manager

SOBT Groom Program

The SOBT office is now deploying the SOBT "Groom" process. The intentions of the grooms are to provide the fleet with easier access to the SOBT material via the ship's LAN. The SOBT office is working in conjunction with members of the SOBT Distance Support Office from the Naval Undersea Warfare Center (NUWC) in Newport, R.I. to make the SOBT supplied courses more readily accessible to members of the ship's crew by loading all of the courses that are applicable to a specific class of Submarine (688, 774, 21, 726) on the ship's LAN, and using a SOBT supplied web page to put all courses in one location. This means that there will be no more tracking down the SOBT Coordinator and checking out SOBT CD's for individual courses - just simply logon to the ship's home page and click on the SOBT link.

The Groom process is a two year plan that puts us in contact and on each boat within that time frame. To date, we have made contact with approximately 85% of the fleet. If your ship has not yet had a SOBT Groom and would like one, or if you would like a follow-up groom, please contact me via email at luke.leblanc@navy.mil or by phone (860)694-5507 ext 18. Thank you for your time and have a great Navy Day!

SOBT Groom Coordinator



SOBT Navigation News

I would like to take this opportunity to introduce myself and provide you a little background information. I am ETC(SS) Thomas Jackson and I recently relieved ETC(SS) Mike Uptegraff as the Navigation Project Manager at SOBT. Prior to reporting to SOBT I worked at Naval Submarine Support Facility in the QA Division as a QA Supervisor and Assistant QAO. I have served on three submarines, USS Hammerhead (SSN 663), USS Seawolf (SSN 21) and USS Albuquerque (SSN 706).

Since reporting to SOBT I have been actively involved with the development of Piloting Briefs, SUBSKILLSNET 6.6 and 7.0 and numerous other Quartermaster courses. We continue to work here to support the Fleet and provide good quality Computer Based Training courses for our Sailors and future Navigators'.

I work with the TYCOMs, Force ANAV, Squadron ANAVs and various other ANAVs in Fleet to support you, the customer. We want to make sure the training we are providing in the Fleet is a continuation of training from the School House and Trainers. Again, I am here to support you.

If you have any questions, lessons learned, or other inputs feel free to contact me and we can and will work together to improve our products. I can be reached via email or phone .

Respectfully,

SOBT Navigation Project Manager

Mobility

I am the project manager of a handful of mobility basic courses, which include a variety of Helmsman & Planesman courses, SS Rig for Dive, SS Paint and Preservation, SS Torque Wrenches, and a newly revised version of SS Petty Officer of the Deck.

SS Rig for Dive is intended for enlisted personnel and junior officers. In the SS Rig for Dive, students learn the purpose, duties and responsibilities of the personnel involved, and the principles of rig for dive. This course helps the student locate rig for dive checklist, discusses the actions of the first and second checkers, and explains how to check the valve positions of various common

valves found onboard submarines.

The SOBT catalog has Helmsman and Planesman courses for SSN 688, SSBN 726 and SSN 21 class submarines. These courses were developed using requirements from Helmsman and Planesman qual cards. They were designed to provide training to junior enlisted personnel in the basic subjects and procedures required to qualify them for duties as underway watchstanders.

The latest course that I have completed is the SS POOD course. This training was also developed with a qual card in mind. The student first learns the responsibilities of their watch. Then they learn various watchstanding routines; normal routine and operations, infrequent routines, emergency situations, and honors and ceremonies. Finally the student learns practical factors, including the operation of the PSCU, watch turnover, and proper log keeping. At the completion of the course, the student should have the knowledge requirements for several items on their Petty Officer of the Deck Qual Card. If you have any comments, suggestions or questions please feel free to contact me.

Engineering/Auxiliary Systems

SSN 21 Class GMS

SOBT has recently completed and approved for distribution an update of the SSN 21 Class GMS Operator and Mechanical Maintenance. (DODUSNSLCSOBT_02027 version 2.20).

This IMI is an upgrade and supersedes the existing GMS Operator Mechanical Maintenance course ICW-AX-02027. We have removed all lessons, topics and references to the Oxygen Generating Plant (OGP).

The new IMI provides training for enlisted personnel on the operation and maintenance of the GMS system. This course is required to be completed prior to attending the formal school house course. It has been developed to the SCORM 2004 standards and is approximately 4 hours in length.

If you have any questions or comments you can contact me at danny.buchanan@navy.mil.

MHM&E/Safety/Seawolf Qual Program



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TM Weapons/Force Protection

Shipmates, my name is MM1 (SS) Luke LeBlanc and I am the TM Weapons/Force Protection Project Manager here at Submarine On Board Training. Over the last year we have created numerous training products for use by the fleet. We have recently released an update to the SSBN MK48 ADCAP Weapons Handling Procedures .

Please contact me if you have any suggestions or comments about future courseware development.

TM Weapons/Force Protection Project Manager

Sonar Systems

Shipmates, I am STSC(SS) Dave Hall, the SOBT Sonar Systems project manager and if you haven't checked out our products lately, you should. All of our existing products are on your boat just waiting to be utilized. If there is anything missing it can be ordered from the SOBT website and sent to the ship in the mail. A great tool to stay sharp for the next underway is the Sonar basic operator trainer (SS SBOT Suite DODUSNSLCSOBT_06044) along with SubSkillsNet. It simulates most of the functions that are available to an operator on AN/BQQ-10 SAWS and TAWS. If you can't make it to the ashore trainer, all you need is a few laptops and you can put your own simulator together on-board. As always, I am looking for feedback on existing products and ideas for new products to enhance fleet readiness. If you have any questions let me know.

Sonar Systems Project Manager

Wardroom Training

There is a new training product developed specifically for those working on qualifications as Officer of the Deck. SS AN/BQQ-10 Multi-Sensor Display Operations for the OOD (DODUSNSLCSOBT_07048) covers all the displays from initial lineup to tactically employing the system in operational scenarios. The massive amount of information available to safely employ the ship can be overwhelming to a Junior Officer or an old school re-qual. This Interactive Courseware will

give the trainee the knowledge to interpret information and employ the Multi-Sensor and Multi-Array Displays for Advanced Processor Builds 2004 and 2006 as well as the Solution Evaluation Display for APB-05/06. The course is divided into separate modules so the trainee must only complete either the APB-04 or APB-06 module, depending on his specific ship configuration, to successfully satisfy the course. Each topic contains practice questions or interactive exercises designed to allow the trainee to evaluate his understanding of the material presented. Each lesson also concludes with a comprehensive exam.

SOBT Director/Wardroom

Strategic Weapons/Wardroom Support



Nuclear Training

Shipmates, let me start by introducing myself. I am MMC(SS/DV) Michael Griffith, the Nuclear Training Project Manager here at SOBT.

My goal during my tour at SOBT is to increase the variety of training products available to the Engineering Department, not only to make training more interesting, and effective, but also easier to conduct. The more ready-made training products that are available, the more time you will save by not having to prepare topics yourself. If you have not seen them lately, take a look. I think you will be very surprised.

BEQ PRODUCTS: We currently have 71 Basic Engineering Qualification courses available for the Los Angeles Class, Ohio Class, and Virginia Class. There are currently 10 Virginia Class products in the fleet today with another 10 in development with a full compliment of courses for the Los Angeles Class and Ohio Class. The most recent BEQ distributions include SSN 774 Propulsion Plant Fresh Water System, and SSN 688 TYPE II Nuclear Instrumentation. I highly recommend using these products in your qualification program. I strongly believe these products will give the fleet a higher baseline level of knowledge. If there are improve-

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ments you would like to see, now is the time to let me know.

ENGSKILLSNET: This is a 688 engine room computer based trainer. This product will allow your engineroom watch standers to simulate operating the engine room. It is fully interactive and has the capability of networking several computers together to perform watch team scenarios. It will be extremely effective for watch team seminars, proficiency training, running drills, and evolutions during upkeeps. I am very excited about this product and feedback from the fleet is highly desired. I am here to serve you and can be reached at any time to answer questions or provide assistance any way possible.

BEQ/Nuclear Training Project Manager

Fire Control

SOBT has come a long way since the days of the audio tapes for Watch Section Plot training. Today we have several products that are geared to assist in the FTOW qualification process, and to help maintain proficiency.

The SS GCCS-M OPERATIONS product covers setting up the communications functions, and various other operations such as how to set up 4W grids. With the two versions of the ADCAP Post Launch Trainer, Fire Control Technicians and Weapons Operators can become familiar with weapon milestones and how to properly send Wire Guide commands to the ADCAP Torpedo.

For those who are new to the BYG-1 TI-04 and newer systems, we offer the SS BYG-1 TMA PLOTS product to familiarize users with controls and functions of the Contact Management function of the system.

For times when going to the Attack Center at the school house is not feasible, we offer SS CBOT. This product simulates the MK1 through BYG-1 TI-02 Fire Control systems. This product can be used in a stand alone mode for individual training to assist with qualifications, or when used in conjunc-

tion with SS SBOT and SS SubSkillsNet can be used for Watch Team training.

With the growing complexity of TLAM operations, the SSN Tomahawk Strike Planning and Employment course was developed to cover many of the aspects involved in order to provide a baseline of knowledge for the apprentice level student.

We at SOBT are always looking for input from the fleet so that we can provide the most up to date, and effective training possible, so please contact our office with any feedback on current products, or ideas for new products.

Fire Control Systems Manager



SOBT Arriving...

We appreciate feedback regarding our products. We take all feedback, both positive and negative, into account when updating or developing our products. Feedback reports are included with all orders that we fill and send out, and they are also included as a file on every course CD.

Here is an excerpt from an email that the CO of USS JACKSONVILLE sent to his Commodore following his arrival in Portsmouth, England.

"Our arrival into Portsmouth proceeded flawlessly. Although no one on my team had ever been here, the newest SOBT product that included the Portsmouth piloting brief made it feel like I had been here several times. What a great, great product"

Please keep those reports coming in—they improve the quality of training for the entire fleet.

On the Front Cover:



Nov. 24, 2008 The guided-missile submarine USS Georgia (SSGN 729) (Blue) transits the Atlantic Intercoastal Waterway to Naval Submarine Base Kings Bay, Ga. The sub is returning from pre-deployment testing. U.S. Navy photo (Released)



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SOBT Engineering/Auxiliary Systems	Ext. 20	SOBT Senior Programmer	Ext. 16
SOBT Sonar Systems	Ext. 26	SOBT Database Manager	Ext. 11
SOBT Fire Control Systems	Ext. 23	SOBT Administration/Editor/Products	Ext. 12
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